**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/763567-Conf. #4885	
	Filing Date	January 23, 2004
	First Named Inventor	Rudolf Gilmanshin
	Art Unit	1631
	Examiner Name	Karlheinz R. Skowronek
Attorney Docket Number	C0989.70045US01	
Total Number of Pages in This Submission		

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Response to Restriction Requirement
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	Return Receipt Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	WOLF, GREENFIELD & SACKS, P.C.		
Signature			
Printed name	Maria A. Trevisan		
Date	June 9, 2006	Reg. No.	48,207

Certificate of Mailing Under 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 6/9/06

Signature:

(Michelle M. Quinn)



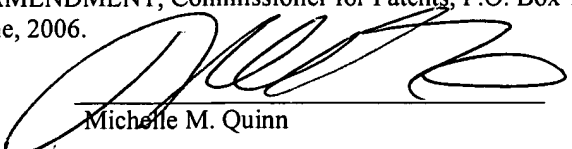
DOCKET NO.: C0989.70045US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gilmanshin et al.
Serial No.: 10/763567
Confirmation No.: 4885
Filed: January 23, 2004
For: METHODS FOR ANALYZING POLYMER POPULATIONS
Examiner: Karlheinz R. Skowronek
Art Unit: 1631

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 9 day of June, 2006.


Michelle M. Quinn

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT

Sir:

In response to the Restriction Requirement mailed from the United States Patent and Trademark Office on May 26, 2006, Applicant hereby requests entry of the following election.

Election

Applicant hereby makes the following species elections:

- (a) a specific labeled probe that is a sequence specific label;
- (b) a specific nucleic acid that is genomic DNA;
- (c) a specific profile type that is an average;
- (d) a specific polymer state that is completely stretched; and
- (e) a specific intensity profile that is obtained from polymers in flow.

These species elections are made with the understanding that they are required for examination purposes only and that upon allowance of a generic claim, Applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of the allowed generic claim.

Remarks

In response to the Restriction Requirement, Applicant has elected the afore-mentioned species. This election embraces at least claims 1-7, 9-12, 14-16, 18, 21, 23-36, 38-44, 46, 48-51, 53 and 54.

Having made this election, Applicant expressly reserves the right to file one or more divisional applications on the subject matter of the unelected claims (e.g., should claim 1 in its generic form not be found allowable).

Summary

If the Examiner has any questions and believes that a telephone conference with Applicant's representative would prove helpful in expediting the prosecution of this application, the Examiner is urged to call the undersigned at (617) 646-8266.

Respectfully submitted,



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Docket No.: C0989.70045US01
Date: June 9, 2006
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